



State of Utah

Department of
Natural Resources

ROBERT L. MORGAN
Executive Director

Division of
Oil, Gas & Mining

MARY ANN WRIGHT
Acting Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

January 6, 2005

CERTIFIED RETURN RECEIPT
7099 3400 0016 8896 1645

Mert Hamilton
Rocanville Stone Corporation
P.O. Box 35
Delta, Utah 84624

Subject: Third Review of Notice of Intention to Commence Large Mining Operations, Rocanville Stone, Tejon Quarries, M/027/087, Millard County, Utah

Dear Mr. Hamilton:

The Division has completed a review of your second response to the Division's technical review sent to you on October 14, 2004 for the Tejon Quarries, located in Millard County, Utah. Your response was received November 15, 2004. After reviewing the information, the Division has the following comments which still need to be addressed before tentative approval may be granted.

The comments are listed below under the applicable Minerals Rule heading. Please format your response in a similar fashion. **Please address only those items requested in the attached technical review. Please send replacement pages of the original notice using redline and strikeout text, so we can see what changes have been made. After the notice is determined technically complete and we are prepared to issue final approval, we will ask that you send us two clean copies of the complete and corrected plan. Upon final approval of the permit, we will return one copy stamped "approved" for your records.** Please provide a response to this review by February 7, 2005.

The Division will suspend further review of the Tejon Quarries Notice of Intention until your response to this letter is received. If you have any questions in this regard please contact me, Tom Munson or Doug Jensen of the Minerals Staff. If you wish to arrange a meeting to sit down and discuss this review, please

RECLAMATION SURETY ESTIMATE

Rocanville Stone

Tejon Quarries

DOGM file Number M/027/087

Prepared by Utah State Division of Oil, Gas & Mining

filename M027-087.xls

Millard County

Note: actual unit costs may vary according to site conditions last unit cost update 10/07/02
-Amount of disturbed area which will receive reclamation treatments = 19.2 acres
-Estimated total disturbed area for this mine = 20 acres

Activity	Quantity	Units	\$/unit	\$	Note
Safety gates, signs, etc (mtls & installation)	3	Sum	200	600	(1)
Demolition of buildings & facilities	0 cf		0.26	0	(2)
Debris & equipment removal - trucking	6 trips		55	330	(3)
Debris & equipment removal - dump fees	100 ton		60	6000	(4)
Debris & equipment removal - loading trucks w/FEL	5 hours		180	900	(5)
Demolition & debris removal - general labor	40 hours		15	600	(6)
Regrading facilities areas (2ft depth)	0 acres		613	0	(7)
Regrading waste dump slopes	17750 CY		0.60	10650	(8)
Ripping waste dump tops	3.3 acre		246	812	(9)
Ripping stockpile & compacted areas	3.5 acre		246	861	(9)
Ripping recontoured areas prior to seeding	12.9 acre		246	3173	(9)
Ripping pit access roads (2ft depth)	0.3 acre		613	184	(9)
Creating safety berms or barriers around highwalls	3340 LF		0.20	668	(10)
Ripping access roads- dozer	0 acre		246	0	(9)
Regrading access roads - dozer	0 acre		246	0	(9)
Sidecast mtl replacement of steep slopes - trackhoe	0 LF		1.16	0	(11)
Surface drainage restoration or construction	0 LF			0	(10)
Topsoil replacement - dozer	17390 CY		0.50	8695	(12)
Topsoil replacement - scraper	0 CY		1.19	0	(13)
Topsoil replacement- truck and FE loader	7460 CY		2.60	19396	(14)
Mulching (2 ton/acre alfalfa/straw)	0 acre		350	0	(00)
Fertilizing (100 lb/acre diammonium phosphate)	0 acre		90	0	(00)
Composted manure (10 ton/acre)	19.2 acre		300	5760	(00)
Broadcast seeding	19.2 acre		240	4608	(00)
Drill Seeding	0 acre		205	0	
Hydroseeding	0 acre		800	0	
General site cleanup & trash removal	10 acre		50	500	(00)
Equipment mobilization	3 equip		2000	6000	(00)
Reclamation supervision -10% of reclamation estimate				6974	(15)
	Subtotal			76711	
10% Contingency				7671	
	Subtotal			84382	
Escalate for 5 years at 2.59% per year				11508	
	Total			95891	
Rounded surety amount in year 2009 \$				95900	
Average cost per disturbed acre =				4795	



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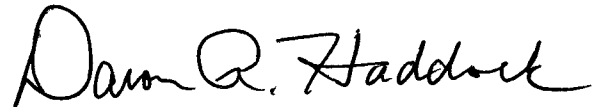
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Mert Hamilton
Page 2 of 4
M/027/087
January 6, 2005

contact us at your earliest convenience. Thank you for your cooperation in completing this permitting action.

Sincerely,

A handwritten signature in black ink, reading "Daron R. Haddock". The signature is fluid and cursive, with the first name "Daron" being more prominent than the last name "Haddock".

Daron R. Haddock
Permit Supervisor
Minerals Regulatory Program

DRH:tm:jb
Attachment: Review
cc: Jerry Mansfield, BLM, Fillmore FO
O:\M027-Millard\M0270087-tejon\draft\3rd-REV-01062004.doc

THIRD REVIEW OF NOTICE OF INTENTION TO COMMENCE LARGE MINING OPERATIONS

Rocanville Stone Corporation Tejon Quarries

M/027/087
January 6, 2005

R647-4-105 - Maps, Drawings & Photographs

105.3 Drawings or Cross Sections (slopes, roads, pads, etc.)

Cross-section A-A' and E-E' cross-sections have the notation "75 degree highwall 15' benches & up to three benches of quarrying".

Utilizing the vertical scale of these cross-section the benches appear to be ~30' high and each cross-section reflects more than three benches. Please clarify. (DJ)

R647-4-106 - Operation Plan

106.5 Existing soil types, location, amount

Present disturbance at the site is 9.91 acres; growth medium required for the placement of one foot of medium over this area will require 16,000 cy of material. Because no stockpiles have been established, stockpiles should be initiated during the development of the additional areas to provide sufficient material to reclaim this 9.91 acres of disturbance. The plan states that the average overburden thickness is under five feet; an overburden depth of three feet would provide sufficient material to establish these stockpiles. The operator should immediately start to harvest all overburden available to assure that sufficient material is available for final reclamation. (DJ)

106.6 Plan for protecting & redepositing soils

The plan states that the thickness of the soil, which varies from 0 to five feet over 13.4 acres, will only produce 18,300 cys. This amount could be reduced to 7820 cys if total acreage is not developed.

What would the disturbance requiring reclamation be if the total acreage is not developed? A stockpile of 7820 cys would not be sufficient to cover the present disturbance with the projected one foot of material. As stated above, every effort should be made to establish sufficient stockpiles of material for final reclamation as soon as possible. (DJ)

R647-4-107 - Operation Practices

107.6 Concurrent reclamation

This section of the plan mentions an unused road on the west side of Tejon #4 that is shown in dark red on map E-3.

Map E-3 was not included in the November 15, 2004 submittal, and the submittal received on March 1, 2004 does not show any area in dark red. Please submit this map showing this unused road. (DJ)

R647-4-110 - Reclamation Plan

110.2 Roads, highwalls, slopes, drainages, pits, etc., reclaimed

The plan states waste dump slopes will be reduced to a 3h:1v vertical slope, to a 2h:1v vertical slope or natural slope or a natural slope whichever is steeper.

Third Review
Page 2 of review
M/027/087
January 6, 2005

This statement is unacceptable; dump slopes left greater than the suggested 3:1 slope angle and a variance issued to leave these features. (DJ)

In reviewing the F- series maps (Highwalls After Reclamation) indicates that some waste dump slopes will be reduced to 2:1 slope and some 3:1.

Please explain why the 2:1 slopes cannot be further reduced to a flatter angle. (DJ)

R647-4-113 - Surety

A surety estimate using updated cost figures has been prepared and is attached to this review. (DJ)

Attachment: surety estimate

O:\M027-Millard\M0270087-tejon\final\3rd-REV-01062004.doc

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